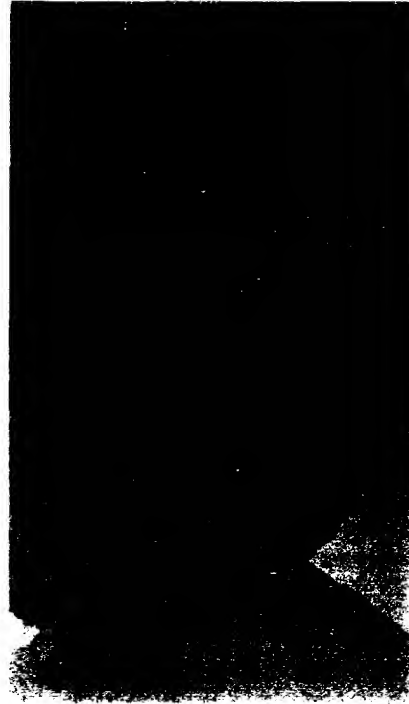


## A LINE (A/A) OBESE MICE

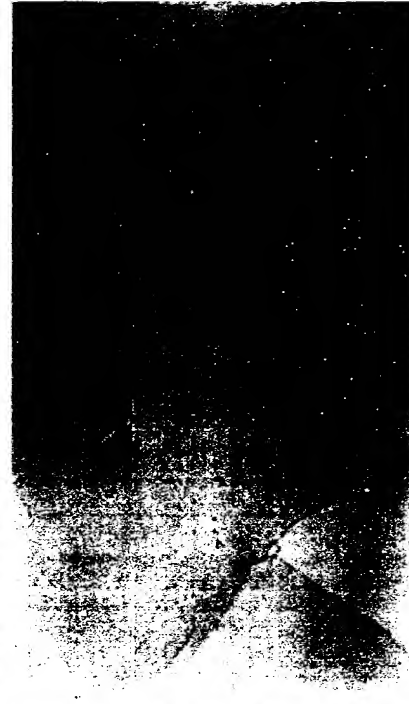
Syndecan-1 mRNA derived from the transgene is expressed in the anterior and posterior hypothalamic nuclei that regulate body weight.

Proteoglycan

mRNA



Anterior



Posterior

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**HYPOTHALAMIC EXPRESSION:**

Anterior: Paraventricular, Suprachiasmatic, Supraoptic Lateral Nuclei

Posterior: Arcuate, Dorsomedial, Lateral Nuclei